

ABSTRACT OF THE DISCLOSURE

To provide an optical filter, an optical device, and a projector, which make it possible to project a high-quality image by preventing color unevenness of the projected image. An optical filter 500 is used in a projector comprising liquid crystal panels for modulating light beams from a light source (lamp) in accordance with image information to form optical images. The optical filter 500 is disposed downstream from the liquid crystal panels in a light path, and comprises a substrate 510 and an optical conversion film 520. The optical conversion film 520 is disposed on a light-incident surface of the substrate 510 and comprises two types of thin films 521 and 522 having different refractive indices and being alternately stacked. The optical conversion film 520 becomes continuously thinner from one end 520A to the other end 520B of the optical conversion film 520, so that it is inclined with respect to the substrate 510. Since the optical conversion film 520 becomes continuously thinner, it is possible to project a high-quality image by preventing color unevenness of the projected image.